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(71) Applicant and

(72) Inventor: STRYDOM, Johannes, Matthys [ZA/ZA];
Plot 126, 0036 Zwavelpoort (ZA).

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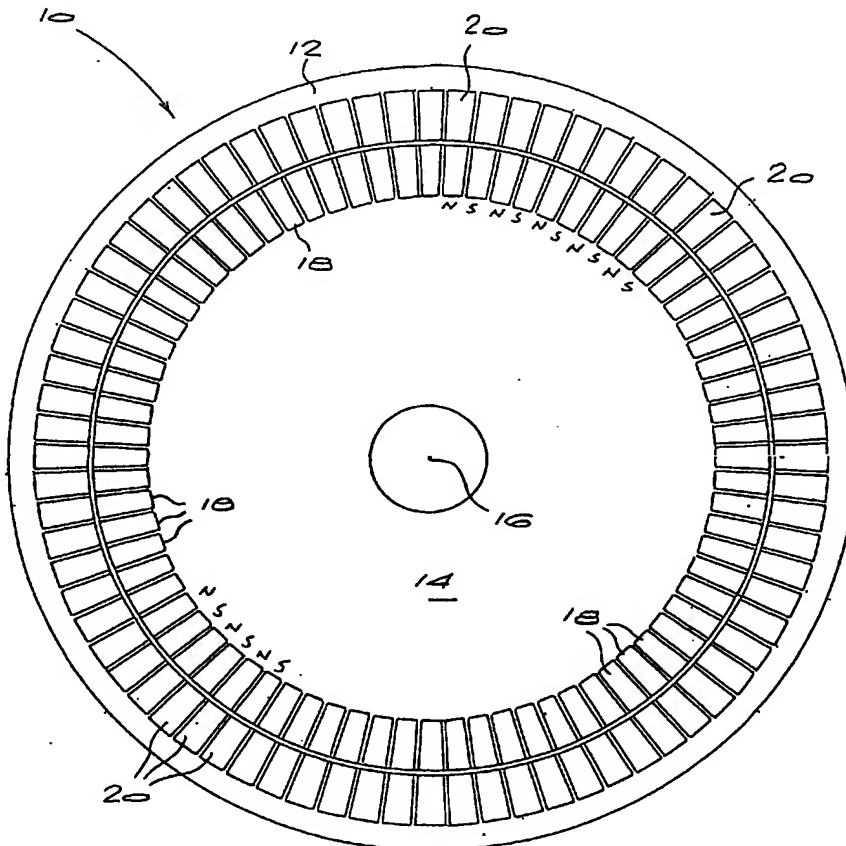
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(74) Agents: DONALD, HEATHER, June et al.; Spoor & Fisher, PO Box 41312, 2024 Craighall (ZA).

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(54) Title: A MOTOR



(57) Abstract: A motor includes a stator and a rotor in the form of a disc which is connected to an axis about which it is able to rotate. The rotor has a plurality of permanent magnets connected around the outer perimeter of the disc which are of alternating polarities. A plurality of electromagnets are connected around the inner perimeter of the stator. When current is applied to the electromagnets, the permanent magnets on the disc will attempt to align their poles with the opposing pole of the magnets on the stator. As this is accomplished, the current is reversed thereby reversing the poles of the electromagnets. Thus, the initial attracting force is changed into a repelling force which moves the disc further in the same direction.